347—73.7(89A) Electrical switches.

73.7(1) All electric elevators shall have a labeled emergency stop switch. The switch shall be located on or adjacent to the operating panel.

73.7(2) All electric elevators shall have upper and lower final limit switches. Open-type switches shall not be accepted. Drum-type machines shall have final limit switches mounted on the machine and hoistway final limit switches.

73.7(3) All operating devices of car switch operations shall automatically return to the stop position and latch there when released.

73.7(4) Tiller-cable operations shall not be used unless all direction switches on controllers are mechanically operated. Contacts on direction switches shall be broken when the cable is at the centered position.

73.7(5) No elevator shall be provided with a switch or device which makes more than one door or gate switch inoperative at any one time. EXCEPTION: Firefighter service switches.

73.7(6) No person at any time shall make any required safety device or electrical protective device inoperative, except where necessary during tests, inspections or maintenance. Such devices shall be restored to their normal operating conditions as soon as all tests, inspections and maintenance has been completed. The facility shall not be left unattended while any of these devices are inoperative.

73.7(7) Each winding drum machine shall be provided with an electrical switch which shall disconnect power to the hoisting motor and brake when cables are slackened.

73.7(8) Any person entering an elevator pit for any reason shall have the power to the elevator removed at the main line disconnect switch. The disconnect switch shall be red tagged to prevent the power from being placed back on the elevator controls. EXCEPTION: Elevators provided with a pit stop switch.

73.7(9) A fused disconnect means for all elevators shall be provided. Disconnect switch shall be located in the machine room and be readily accessible from the machine.